

AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) A coding operating system of ALPU device comprising:
an interface [[32]] for inputting/outputting [[the]] a data signal from/to an outer device [[31]];

a code determining unit [[35]] for determining the code according to a signal applied to an outer pin ~~option 34~~ when the most upper code is inputted from the interface [[32]];

a ROM table [[37]] for selecting the most upper code according to the outer pin signal ~~option 34~~;

a reprogrammable non-volatile memory ~~flash memory or EPROM 36~~ for exchanging the ROM value according to the determining result of the most upper code determining unit [[35]];

an operating unit [[38]] for inputting the data from the reprogrammable non-volatile memory ~~EPROM 36~~ and the data from the ROM table [[37]] and the random data from the interface [[32]] for operating the coding; and

a register [[39]] for outputting the operated value to the interface [[32]] for outputting the operated value to the outer device [[31]].

5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) A coding operating device comprises:

an ALPU RF IC [[70]] for outputting [[the]] a radio signal;

an RFID Reader [[40]] for reading the radio signal from the ALPU RF IC [[70]]; and

an RFID server [[100]] for determining whether [[the]] an originally established coding signal is present or not according to the radio signal read by the RFID Reader [[40]].

8. (Currently Amended) The device according to the claim 7, wherein said ALPU RF IC [[70]] comprises an RFIC [[50]] for inputting/outputting from/to the RF Reader [[40]]; and an ALPU [[60]] for encoding and decoding the radio signal from the RFID Reader [[40]].

9. (Currently Amended) The device according to the claim [[7]] 8, wherein said ALPU [[60]] comprises an ECC (Error Correction Code) unit [[80]] for encoding and decoding [[for]] and correcting the error data during the input/output between the RFID Reader [[40]] and RFID and RF IC and ALPU ~~or for correcting the partial defection of the inner side of the semiconductor.~~

10. (Cancelled)

11. (New) A coding operating method comprising:

receiving a radio signal from an RFID reader at an RF IC;

applying a coded signal received by said RF IC to an ALPU through an ECC unit;

receiving an output signal of said ALPU from said ECC unit and applying it to said RF IC; and

transmitting said output signal from said RF IC to said RFID reader.